Health Effects
Of Air Pollutants

The Driving Force behind our Air Pollution Control Programs

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Anatomy 101

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Learning the Lingo

• Anatomy: Locating & naming the parts, organization
• Physiology: Understanding how the parts work
• Toxicology: What happens when something “toxic” or “out of the ordinary” enters your respiratory system
RESPIRATORY SYSTEM
RESPIRATORY TREE

TRACHEA

PRIMARY BRONCHI

SECONDARY BRONCHI

(ALVEOLI)

(or BRONCHIOLES)
Airways: From the Nose to the Bronchioles

• Warm & Humid
• Lined with cells that secrete mucus
• These cells also contain Cilia
• The mucus traps particles & the cilia beat the mucus up to the throat (Pharynx)
  – Known as the Mucociliary Escalator
Epithelium with Cilia and Mucus
Anatomy Quiz

Terms
- Alveoli
- Bronchiole
- Bronchus
- Cilia
- Nose
- Pharynx
- Trachea